



## Gulf of Mexico Harmful Algal Bloom Bulletin

27 November 2007

NOAA Ocean Service

NOAA Satellites and Information Service

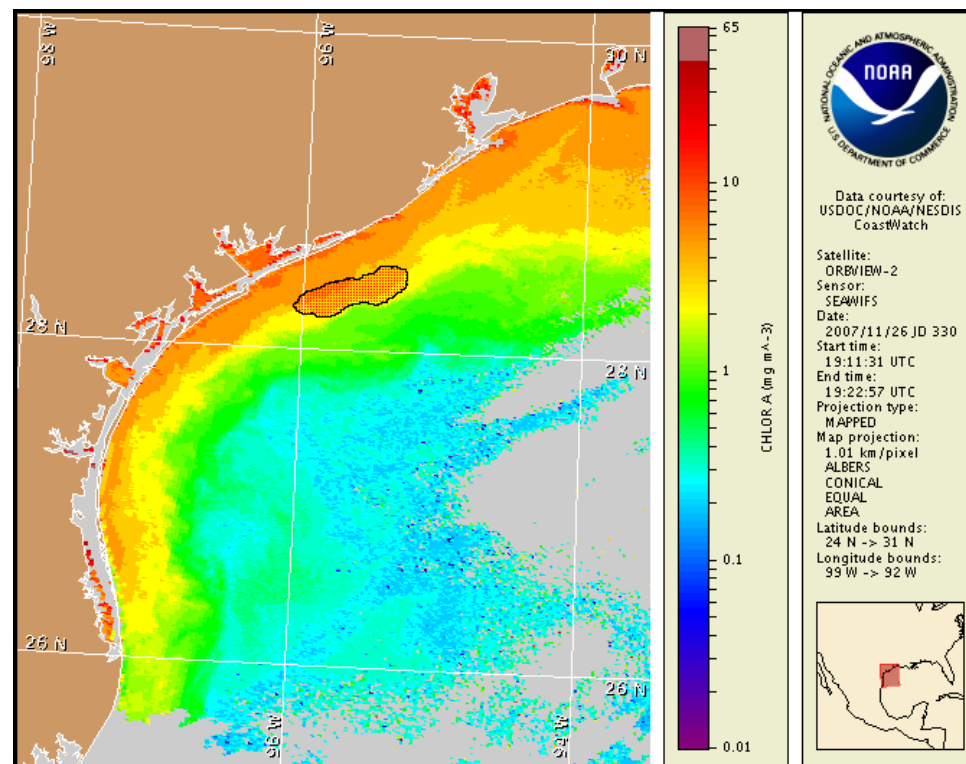
Last bulletin: November 20, 2007

### Conditions Report

There have been no recent reports of red tide. No impacts are expected along the Texas coast.

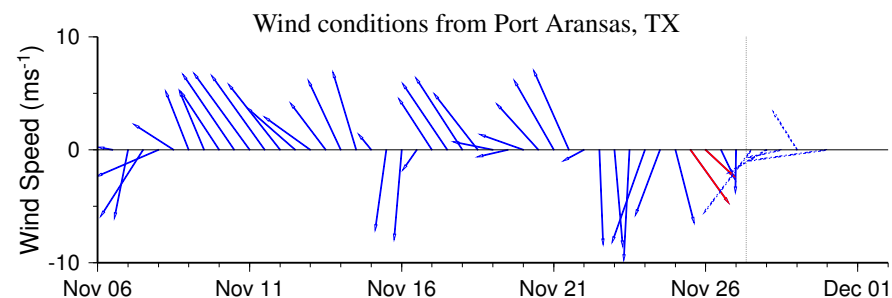
### Analysis

Cloudy imagery over the past week has made analysis difficult. Imagery shows an elevated chlorophyll area off Matagorda Bay, which is likely related to resuspension from high winds. There have been no recent reports of red tide. -- Lopez



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 18 to 21 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

[http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

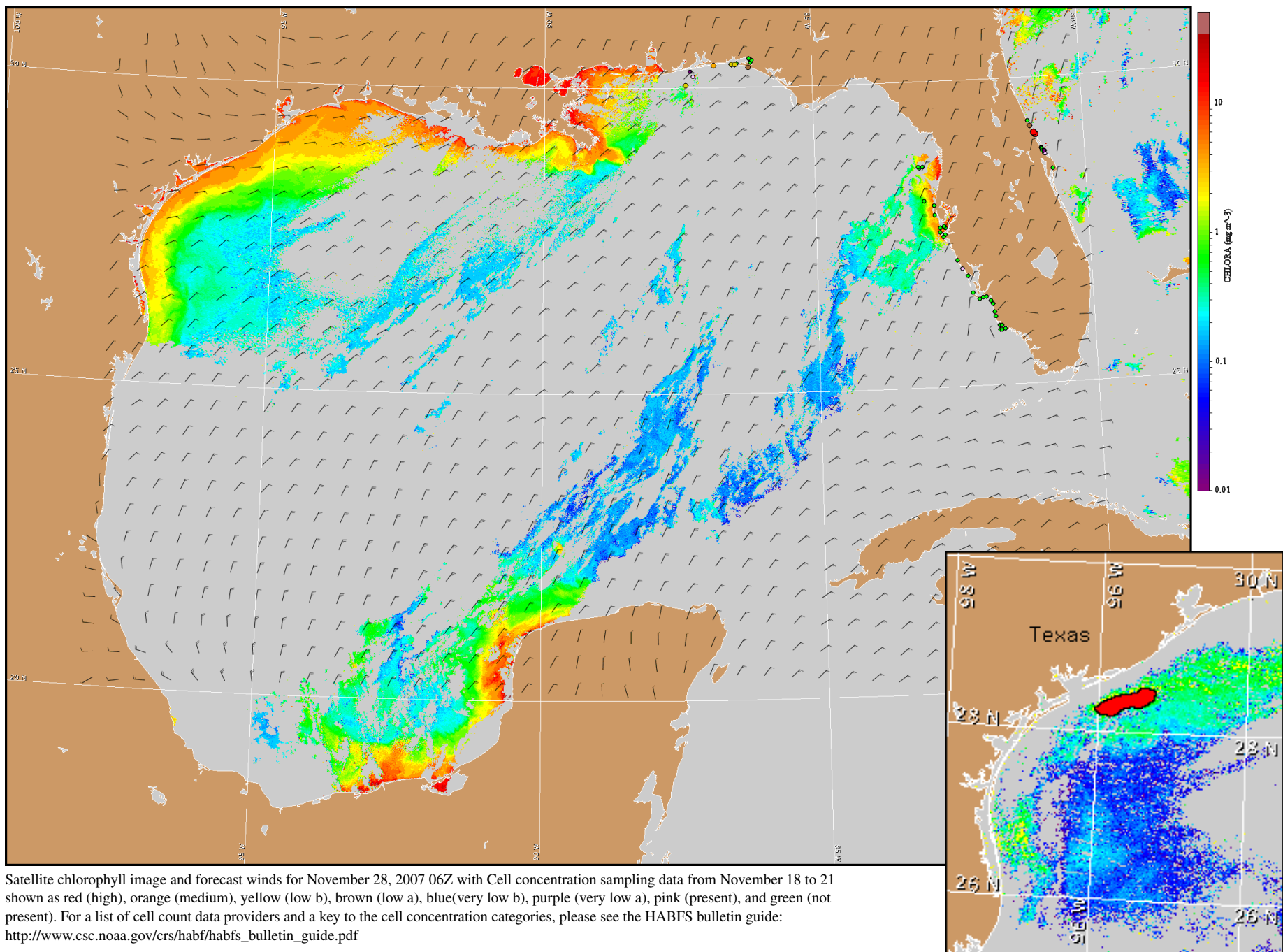


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Today, northeast winds at 10 to 15 knots turning east/southeast at 5 to 10 knots tonight through Wednesday. Thursday, northeast winds at 10-20 knots. Friday, southeast winds 10 to 15 knots.

Please note the following restrictions on all SeaWiFS imagery derived from CoastWatch.

1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).